

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-003267**Date Inspected:** 17-Jul-2008**Project Name:** SAS Superstructure**OSM Arrival Time:** 630**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1530**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** n/a**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG/Tower**Summary of Items Observed:**

Caltrans Quality Assurance (QA) Inspector Sherri Brannon arrived on site at the Zhenhua Port Machinery Company (ZPMC) facility at Changxing Island, in Shanghai, China to periodically monitor welding and Quality Control (QC) functions. While on site the QA Inspector observed and/or discovered the following.

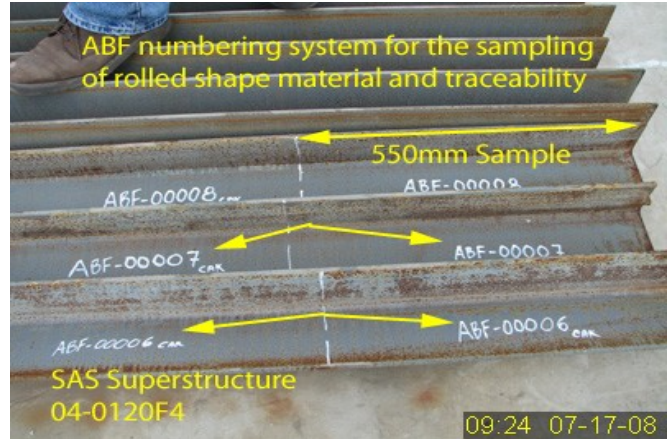
Roll shapes Verification Testing (first batch)

Caltrans QA accompanied by ABF – Craig Knopps and Nate Lindell and ZPMC Zhu Wei Juan and Sun Bo went to ZPMC material storage area category 2 for sampling angle shapes for testing at Bao Testing in Shanghai China. A total of 27 angles for sampling on this date, 27 were cut to 550mm in length. Each sample was marked by ABF with a white marker. ABF marked the samples as follows: ABF-00001 ~ ABF-00028. The ABF number was also placed at 3 locations on the remaining angle shape for traceability. Note: samples ABF-00001 ~ ABF-00003 metric size L102 x 102 x 9.5, ABF-00004 ~ ABF-00005 metric size L203 x 102 x 25.4 and ABF-00006 ~ ABF-00027 metric size L127 x 89 x 9.5

The following digital photograph below illustrates observation of the activities being performed.

WELDING INSPECTION REPORT

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Summary of Conversations:

No relevant conversations to report.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Ady Velasco 13816942685, who represents the Office of Structural Materials for your project.

Inspected By: Brannon, Sherri

Quality Assurance Inspector

Reviewed By: Lanz, Joe

QA Reviewer